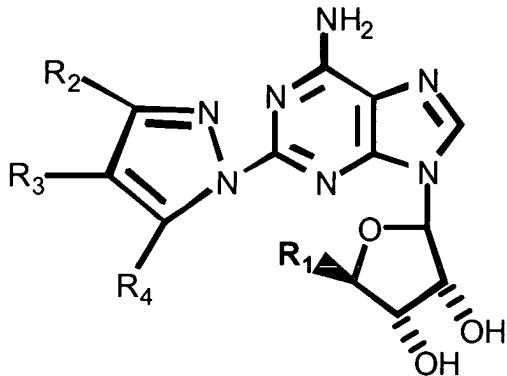


APPENDIX A

Marked-up Claims Pending After Response to Office Action

1. (Once Amended) A compound having the formula:



wherein $R^1 = \text{CH}_2\text{OH}, \text{CONR}_5\text{R}_6$;

R^3 is selected from the group consisting of ~~C₁₋₁₅ alkyl, halo, NO₂, CF₃, CN, OR²⁰, SR²⁰, N(R²⁰)₂, S(O)R²², SO₂R²², SO₂N(R²⁰)₂, SO₂NR²⁰COR²², SO₂NR²⁰CO₂R²², SO₂NR²⁰CON(R²⁰)₂, N(R²⁰)₂NR²⁰COR²², NR²⁰CO₂R²², NR²⁰CON(R²⁰)₂, NR²⁰C(NR²⁰)NHR²³, COR²⁰, CO₂R²⁰, CON(R²⁰)₂, CONR²⁰SO₂R²², NR²⁰SO₂R²², SO₂NR²⁰CO₂R²², OCONR²⁰SO₂R²², OC(O)R²⁰, C(O)OCH₂OC(O)R²⁰, and OCON(R²⁰)₂, CONR⁷R⁸, C₂₋₁₅ alkenyl, C₂₋₁₅ alkynyl, heterocyclyl, and aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, aryl, heterocyclyl and heteroaryl substituents are ~~is~~ optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, NO₂, heterocyclyl, aryl, heteroaryl, CF₃, CN, and OR²⁰, SR²⁰, N(R²⁰)₂, S(O)R²², SO₂R²², SO₂N(R²⁰)₂, SO₂NR²⁰COR²², SO₂NR²⁰CO₂R²², SO₂NR²⁰CON(R²⁰)₂, N(R²⁰)₂NR²⁰COR²², NR²⁰CO₂R²², NR²⁰CON(R²⁰)₂, NR²⁰C(NR²⁰)NHR²³, COR²⁰, CO₂R²⁰, CON(R²⁰)₂, CONR²⁰SO₂R²², NR²⁰SO₂R²², SO₂NR²⁰CO₂R²², OCONR²⁰SO₂R²², OC(O)R²⁰, C(O)OCH₂OC(O)R²⁰, and OCON(R²⁰)₂ and wherein optional heteroaryl, aryl, and heterocyclyl substituent is optionally substituted with halo, NO₂, alkyl, CF₃, amino, mono- or di-alkylamino, alkyl or aryl or heteroaryl amide, NCOR²², NR²⁰SO₂R²², COR²⁰, CO₂R²⁰, CON(R²⁰)₂, NR²⁰CON(R²⁰)₂, OC(O)R²⁰, OC(O)N(R²⁰)₂, SR²⁰, S(O)R²², SO₂R²², SO₂N(R²⁰)₂, CN, and OR²⁰;~~

R^5 and R^6 are each individually selected from H, C₁₋₁₅ alkyl optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, NO₂,

~~heterocyclyl, aryl, heteroaryl, CF₃, CN, OR²⁰, SR²⁰, N(R²⁰)₂, S(O)R²², SO₂R²², SO₂N(R²⁰)₂, SO₂NR²⁰COR²², SO₂NR²⁰CO₂R²², SO₂NR²⁰CON(R²⁰)₂, N(R²⁰)₂NR²⁰COR²², NR²⁰CO₂R²², NR²⁰CON(R²⁰)₂, NR²⁰C(NR²⁰)NHR²³, COR²⁰, CO₂R²⁰, CON(R²⁰)₂, CONR²⁰SO₂R²², NR²⁰SO₂R²², SO₂NR²⁰CO₂R²², OCONR²⁰SO₂R²², OC(O)R²⁰, C(O)OCH₂OC(O)R²⁰, and OCON(R²⁰)₂ and wherein optional heteroaryl, aryl, and heterocyclyl substituent is optionally substituted with halo, NO₂, alkyl, CF₃, amino, mono- or di-alkylamino, alkyl or aryl or heteroaryl amide, NCOR²², NR²⁰SO₂R²², COR²⁰, CO₂R²⁰, CON(R²⁰)₂, NR²⁰CON(R²⁰)₂, OC(O)R²⁰, OC(O)N(R²⁰)₂, SR²⁰, S(O)R²², SO₂R²², SO₂N(R²⁰)₂, CN, and OR²⁰;~~

R⁷ is selected from the group consisting of hydrogen, straight or branched C₁₋₁₅ alkyl, and C₃₋₈ cycloalkyl, C₂₋₁₅ alkenyl, C₂₋₁₅ alkynyl, heterocyclyl, aryl and heteroaryl, wherein the alkyl, alkenyl, alkynyl, aryl, heterocyclyl and heteroaryl substituents are is optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, NO₂, heterocyclyl, aryl, heteroaryl, CF₃, CN, OR²⁰, SR²⁰, N(R²⁰)₂, S(O)R²², SO₂R²², SO₂N(R²⁰)₂, SO₂NR²⁰COR²², SO₂NR²⁰CO₂R²², SO₂NR²⁰CON(R²⁰)₂, N(R²⁰)₂NR²⁰COR²², NR²⁰CO₂R²², NR²⁰CON(R²⁰)₂, NR²⁰C(NR²⁰)NHR²³, COR²⁰, and CO₂R²⁰, CON(R²⁰)₂, CONR²⁰SO₂R²², NR²⁰SO₂R²², SO₂NR²⁰CO₂R²², OCONR²⁰SO₂R²², OC(O)R²⁰, C(O)OCH₂OC(O)R²⁰ and OCON(R²⁰)₂ and wherein the optional heteroaryl, aryl and heterocyclyl substituent is optionally substituted with halo, NO₂, alkyl, CF₃, amino, mono- or di-alkylamino, alkyl or aryl or heteroaryl amide, NCOR²², NR²⁰SO₂R²², COR²⁰, CO₂R²⁰, CON(R²⁰)₂, NR²⁰CON(R²⁰)₂, OC(O)R²⁰, OC(O)N(R²⁰)₂, SR²⁰, S(O)R²², SO₂R²², SO₂N(R²⁰)₂, CN, and OR²⁰;

R⁸ is selected from the group consisting of hydrogen, straight or branched C₁₋₁₅ alkyl, and C₃₋₈ cycloalkyl, C₂₋₁₅ alkenyl, C₂₋₁₅ alkynyl, heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, aryl, heterocyclyl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, NO₂, heterocyclyl, aryl, heteroaryl, CF₃, CN, OR²⁰, SR²⁰, N(R²⁰)₂, S(O)R²², SO₂R²², SO₂N(R²⁰)₂, SO₂NR²⁰COR²², SO₂NR²⁰CO₂R²², SO₂NR²⁰CON(R²⁰)₂, N(R²⁰)₂NR²⁰COR²², NR²⁰CO₂R²², NR²⁰CON(R²⁰)₂, NR²⁰C(NR²⁰)NHR²³, COR²⁰, CO₂R²⁰, CON(R²⁰)₂, CONR²⁰SO₂R²², NR²⁰SO₂R²², SO₂NR²⁰CO₂R²², OCONR²⁰SO₂R²², OC(O)R²⁰, C(O)OCH₂OC(O)R²⁰, and OCON(R²⁰)₂ and wherein each optional heteroaryl, aryl, and heterocyclyl substituent is optionally substituted with halo, NO₂, alkyl, CF₃, amino, mono- or di-alkylamino, alkyl or aryl

or heteroaryl amide, NCOR^{22} , $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, COR^{20} , CO_2R^{20} , $\text{CON}(\text{R}^{20})_2$, $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, OC(O)R^{20} , $\text{OC(O)N}(\text{R}^{20})_2$, SR^{20} , S(O)R^{22} , SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, CN , and OR^{20} ;

R^{20} is selected from the group consisting of H hydrogen, and C_{1-15} alkyl, C_{2-15} alkenyl, C_{2-15} alkynyl, heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, heterocyclyl, aryl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from halo, alkyl, mono- or dialkylamino, alkyl or aryl or heteroaryl amide, CN , O-C_{4-6} alkyl, CF_3 , aryl, and heteroaryl;

R^{22} is selected from the group consisting of C_{1-15} alkyl, C_{2-15} alkenyl, C_{2-15} alkynyl, heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, heterocyclyl, aryl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from halo, alkyl, mono- or dialkylamino, alkyl or aryl or heteroaryl amide, CN , O-C_{4-6} alkyl, CF_3 , aryl, and heteroaryl; and

wherein R^2 and R^4 are selected from the group consisting of H hydrogen, C_{4-6} alkyl and aryl optionally substituted with halo, CN , CF_3 , OR^{20} and $\text{N}(\text{R}^{20})_2$, with the proviso that when R^2 is not hydrogen then R^4 is hydrogen, and when R^4 is not hydrogen then R^2 is hydrogen.

2. (Once Amended) The compound of claim 1 wherein R^3 is selected from the group consisting of C_{1-15} alkyl, halo, CF_3 , CN , OR^{20} , SR^{20} , S(O)R^{22} , SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, COR^{20} , CO_2R^{20} ; and CONR^7R^8 , aryl and heteroaryl wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF_3 , CN , OR^{20} , SR^{20} , S(O)R^{22} , SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, COR^{20} , CO_2R^{20} and $\text{CON}(\text{R}^{20})_2$, and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN , and OR^{20} ;

R^5 and R^6 are each individually selected from the group consisting of H, and C_{1-15} alkyl optionally substituted with one aryl substituent that is optionally substituted with halo or CF_3 ;

R^7 is selected from the group consisting of C_{1-15} alkyl, C_{2-15} alkynyl, aryl, and heteroaryl, wherein the alkyl, alkynyl, aryl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF_3 , CN , and OR^{20} , and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN , and OR^{20} ;

R^8 is selected from the group consisting of hydrogen and C_{1-15} alkyl;

~~R²⁰ is selected from the group consisting of H, hydrogen and C₁₋₄ alkyl and aryl, wherein the alkyl and aryl substituents are optionally substituted with one alkyl substituent; and~~

~~R²² is selected from the group consisting of C₁₋₄ alkyl and aryl, wherein the alkyl and aryl substituents are optionally substituted with from 1 to 3 alkyl groups.~~

3. (Once Amended) The compound of claim 1 wherein R³ is selected from the group consisting of C₁₋₁₅ alkyl, halo, CF₃, CN, OR²⁰, CO₂R²⁰, CONR⁷R⁸, aryl and heteroaryl, wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, aryl, CF₃, CN, OR²⁰, CO₂R²⁰ or CON(R²⁰)₂, and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF₃, CN, and OR²⁰;

~~R⁵ and R⁶ are each individually selected from hydrogen and C₁₋₆ alkyl;~~

~~R⁷ is selected from the group consisting of hydrogen, straight or branched C₁₋₁₀ alkyl, aryl, and C₃₋₅ cycloalkylheteroaryl, wherein the alkyl, aryl and heteroaryl substituents are is optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF₃, CN, and CO₂OR²⁰, and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF₃, CN, and OR²⁰;~~

~~R⁸ is selected from the group consisting of hydrogen, straight and branched C₁₋₁₅₋₃ alkyl and C₃₋₅ cycloalkyl; and~~

~~R²⁰ is selected from the group consisting of hydrogen and C₁₋₄ alkyl.~~

4. (Once Amended) The compound of claim 1 wherein R³ is selected from the group consisting of C₁₋₁₀, alkyl, halo, CF₃, CN, CO₂R²⁰, CONR⁷R⁸, aryl, and heteroaryl wherein the alkyl, aryl and heteroaryl substituents are is optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, CF₃, CN, and OR²⁰ and CON(R²⁰)₂; and

~~R⁵ and R⁶ are each individually selected from hydrogen and C₁₋₆ alkyl;~~

~~R⁷ is selected from the group consisting of C₁₋₁₀ alkyl, aryl, and heteroaryl, wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF₃, CN, OR²⁰ and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl,~~

~~CF₃, CN, and OR²⁰;~~

~~R⁸ is selected from hydrogen and C₁₋₁₅ alkyl; and~~

~~R²⁰ is selected from hydrogen and the group consisting of C₁₋₄ alkyl.~~

5. (Once Amended) The compound of claim +2 wherein R³ is selected from the group consisting of C₁₋₁₀ alkyl, halo, CF₃, CN, OR²⁰, CO₂R²⁰, CONR⁷R⁸ and aryl; wherein the alkyl and aryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, CF₃, CN, OR²⁰ and CON(R²⁰)₂;

~~R⁵ and R⁶ are each individually selected from hydrogen and C₁₋₆;~~

~~R⁷ is selected from the group consisting of C₁₋₁₀ alkyl, aryl, and heteroaryl, where the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF₃, CN, OR²⁰ and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF₃, CN, and OR²⁰;~~

~~R⁸ is selected from hydrogen and C₁₋₁₅ alkyl; and~~

R²⁰ is selected from the group consisting of hydrogen and C₁₋₄ alkyl.

6. (Once Amended) The compound of claim +3 wherein R⁴=CH₂OH;

~~R³ is selected from the group consisting of CO₂R²⁰, CONR⁷R⁸ and aryl; wherein the aryl substituent is optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, C₁₋₆ alkyl, CF₃, CN, OR²⁰, and CON(R²⁰)₂;~~

~~R⁷ is selected from the group consisting of hydrogen, C₁₋₁₀₋₃ alkyl and arylcyclopentyl, wherein the alkyl and aryl substituents are optionally substituted with from 1 to 2 substituents, independently selected from the group consisting of halo, aryl phenyl and CO₂R²⁰, CF₃, CN, OR²⁰ and wherein each optional aryl phenyl substituent is optionally substituted with halo, alkyl, CF₃, CN, and OR²⁰;~~

~~R⁸ is selected from hydrogen and C₁₋₁₅ alkyl methyl; and~~

~~R²⁰ is selected from hydrogen and C₁₋₄ alkylethyl.~~

7. (Once Amended) The compound of claim +4 wherein R⁴=CH₂OH;

~~R³ is selected from the group consisting of CO₂R²⁰, CONR⁷R⁸ and aryl, wherein the~~

aryl substituent -is phenyl optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halochloro, C_{1-6} alkylmethyl, CF_3 and OR^{20} ;

R^7 is selected from the group consisting of hydrogen, and C_{1-8} alkyl, wherein the alkyl substituent is optionally substituted with one substituent selected from aryl, CF_3 , CN , and OR^{20} and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN , or OR^{20} ;

R^8 is selected from hydrogen and C_{1-8} alkyl; and

R^{20} is selected from hydrogen and C_{1-4} alkyl methyl.

8. The compound of claim 1 wherein $R^1 = CH_2OH$;

R^3 is selected from the group consisting of CO_2R^{20} , $CONR^7R^8$, and aryl that is optionally substituted with from 1 to 2 substituents independently selected from the group of halo, C_{1-3} alkyl, CF_3 and OR^{20} ;

R^7 is selected from the group consisting of hydrogen, and C_{1-5} alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF_3 ;

R^8 is selected from hydrogen and C_{1-3} alkyl; and

R^{20} is selected from hydrogen and C_{1-4} alkyl.

9. The compound of claim 1 wherein $R^1 = CH_2OH$;

R^3 is selected from the group consisting of CO_2R^{20} , $CONR^7R^8$, and aryl that is optionally substituted with one substituent selected from the group of halo, C_{1-3} alkyl, and OR^{20} ;

R^7 is selected from the group consisting of hydrogen, and C_{1-5} alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo;

R^8 is hydrogen; and

R^{20} is selected from hydrogen and C_{1-4} alkyl.

10. The compound of claim 1 wherein $R^1 = CH_2OH$;

R^3 is selected from the group consisting of CO_2R^{20} , $CONR^7R^8$, and aryl that is optionally substituted with one substituent selected from halo, C_{1-3} alkyl and OR^{20} ;

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R^7 is selected from the group consisting of hydrogen, and C_{1-5} alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo;

R^8 is hydrogen; and

R^{20} is selected from hydrogen and C_{1-4} alkyl.

11. The compound of claim 10 wherein R^7 is a methyl.

12. The compound of claim 10 wherein R_3 is CO_2Et .

13. The compound of claim 1 wherein $R^+ = CONHEt$;

R^3 is selected from the group consisting of CO_2R^{20} , $CONR^7R^8$, and aryl; that is optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, C_{1-6} alkyl, CF_3 , CN , OR^{20} , and $CON(R^{20})_2$;

R^7 is selected from the group consisting of hydrogen, C_{1-10} alkyl and aryl, wherein the alkyl and aryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, CF_3 , CN , and OR^{20} and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN , and OR^{20} ;

R^8 is selected from hydrogen, and C_{1-5} alkyl; and

R^{20} is selected from hydrogen, and C_{1-4} alkyl.

14. The compound of claim 1 wherein $R^+ = CONHEt$;

R^3 is selected from the group consisting of CO_2R^{20} , $CONR^7R^8$, aryl that is optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, C_{1-6} alkyl, CF_3 and OR^{20} ;

R^7 is selected from the group consisting of hydrogen, C_{1-8} alkyl, and aryl, wherein the alkyl and aryl substituents are optionally substituted with one substituent selected from the group consisting of halo, aryl, CF_3 , CN , OR^{20} and each optional aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN , and OR^{20} ;

R^8 is selected from hydrogen, and C_{1-8} alkyl; and

R^{20} is selected from hydrogen, and C_{1-4} alkyl.

15. The compound of claim 1 wherein $R^+ = CONHEt$;

R^3 is selected from the group consisting of CO_2R^{20} , $CONR^7R^8$, and aryl that is optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, C_{1-3} alkyl, CF_3 and OR^{20} ;

~~R⁷ is selected from the group consisting of hydrogen, and C₁₋₅ alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF₃;~~

~~R⁸ is selected from hydrogen, and C₁₋₃ alkyl; and~~

~~R²⁰ is selected from hydrogen, and C₁₋₄ alkyl.~~

16. ~~The compound of claim 1 wherein R¹ = CONHET;~~

~~R³ is selected from the group consisting of CO₂R²⁰, CONR⁷R⁸, and aryl that is optionally substituted with one substituent selected from halo, C₁₋₃ alkyl and OR²⁰;~~

~~R⁷ is selected from the group consisting of hydrogen, and C₁₋₅ alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo;~~

~~R⁸ is hydrogen; and~~

~~R²⁰ is selected from hydrogen, and C₁₋₄ alkyl.~~

17. ~~The compound of claim 1 wherein R¹ = CONHET;~~

~~R³ is selected from the group consisting of CO₂R²⁰, CONR⁷R⁸, and aryl that is optionally substituted with one substituent selected from halo, C₁₋₃ alkyl and OR²⁰;~~

~~R⁷ is selected from hydrogen, and C₁₋₃ alkyl;~~

~~R⁸ is hydrogen; and~~

~~R²⁰ is selected from hydrogen, and C₁₋₄ alkyl.~~

18. ~~The compound of claim 10 where R¹ is CONHET~~

19. (Once Amended) A. ~~The compound matter of claim 1 wherein the compound is selected from the group consisting of~~

~~ethyl 1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazole-4-carboxylate;~~

~~(4S,2R,3R,5R)-2-{6-amino-2-[4-(4-chlorophenyl)-pyrazolyl]purin-9-yl}-5-(hydroxymethyl)oxolane-3,4-diol;~~

~~(4S,2R,3R,5R)-2-{6-amino-2-[4-(4-methoxyphenyl)pyrazolyl]purin-9-yl}-5-(hydroxymethyl)oxolane-3,4-diol;~~

~~(4S,2R,3R,5R)-2-{6-amino-2-[4-(4-methylphenyl)pyrazolyl]purin-9-yl}-5-(hydroxymethyl)-oxolane-3,4-diol;~~

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(1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-methylcarboxamide,;

1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazole-4-carboxylic acid,;

(1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N,N-dimethylcarboxamide,;

(1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-ethylcarboxamide,;

1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazole-4-carboxamide,;

1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-(cyclopentylmethyl)carboxamide,;

(1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-[(4-chlorophenyl)methyl]carboxamide, and

Ethyl 2-[(1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)carbonylamino]acetate, and mixtures thereof.

20. (Once Amended) A method for stimulating coronary vasodilatation in a mammal by administering to the mammal by intravenous bolus injection a therapeutically effective amount an amount of a compound of claim 1 that is sufficient to stress the heart and induce a coronary steal situation for the purposes of imaging the heart.

21. The method of claim 20 wherein the therapeutically effective amount ranges from about 0.01 to about 100 mg/kg weight of the mammal.

22. The method of claim 20 wherein the mammal is a human.

23. (Once Amended) A pharmaceutical composition comprising the a compound of claim 1 and one or more pharmaceutical excipients,;

24. The pharmaceutical composition of claim 23 wherein the pharmaceutical composition is in the form of a solution.

25. (Once Amended) The pharmaceutical composition of claim 23 wherein the composition is useful as ~~an~~ ~~for the treatment of~~ anti-inflammatory ~~inflammation~~, in adjunctive therapy with angioplasty, as a platelet aggregation inhibitor, and as an inhibitor of platelet and neutrophil activation.

26. (New) The compound of claim 19 wherein the compound is (1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-methylcarboxamide.

27. (New) The compound of claim 19 wherein the compound is 1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-(cyclopentyl)carboxamide.

28. (New) The compound of claim 19 wherein the compound is (1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-ethylcarboxamide.

29. (New) A method of dilating the coronary vessels of a mammal, as an adjunct to angioplasty, with the pharmaceutical composition of claim 23.